



COVID-19 Study Information Sheet for Employees

This form serves as an information sheet for potential participants and will be posted on the ICTR's website dedicated to COVID-19 related research opportunities for JHU/JHHS employees.

Title: Optimal reuse of N95 respirator during pandemics with aerosol-transmitted pathogens.

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IRB#: IRB00252433

Sponsor

CDC

Description

This is a research study aiming to understand 1) the number of times healthcare workers can safely reuse an N95 filtering facepiece respirator until it fails to effectively filter airborne particles, 2) the risk factors for N95 failure, and 3) the optimal point-of-wear strategies to detect N95 failure. The study includes a survey regarding perceptions and experience around reuse of N95s and fit-testing of N95s worn by healthcare workers at JHH who cared/care for COVID-19 patients to assess effectiveness after multiple donnings. Additionally we will correlate fit-testing results with self-assessed seal check.

Who Are the Participants in the Trial?

Physicians and nurses at JHH who care/have cared for COVID-19 patients while wearing an N95.

Physicians and nurses at JHH who have worn an N95 while caring for a COVID-19 patient can take the anonymous survey. Physicians and nurses at JHH who are actively caring for a COVID-19 patient while wearing an N95 can take the anonymous survey AND participate in the fit-test procedure using their reused N95.

Are There Any Interventions?

No.

Will Any of My COVID-19 Test Results Be Available to Johns Hopkins Occupational Health or My Supervisor?

Not applicable. COVID-19 tests will not be performed.

**Will I Be Paid for My Participation in the Study?**

You will receive a \$10 gift card in appreciation for your time for fit test participation. Additionally, if your reused N95 fails any of the fit-tests, a new N95 will be provided to you.

Where Do I Have to Go for Study Visits?

Anonymous surveys will be done electronically. If you are interested in fit-testing your used N95, please contact the study coordinator below to schedule a time to conduct your fit-test. Fit-testing will be done in a location to be determined at JHH. Details will be provided to you upon scheduling of the appointment.

Contact Person

If you have any questions about this study or are interested in participating, please feel free to contact the study team directly at:

George Jones (gjones65@jhmi.edu)